Abstract

Scanning a storage device for viruses includes determining physical portions of the storage device that have been modified since a previous virus scan and scanning at least parts of the physical portions for viruses. The physical portions may correspond to tracks of the storage device, sectors of the storage device, and/or to subportions of the storage device. Determining the physical portions of the storage device that have been modified may include creating a table that is indexed according to each of the portions and has entries indicating whether a corresponding one of the portions has been modified, the entries being cleared after a virus scan to indicate that no portions have been modified and setting a specific one of the entries in response to a corresponding one of the portions of the storage device being subject to a write operation. Creating the table may include copying an other table provided by the storage device and/or using an other table provided by the storage device.

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